SCIENTIFIC NOTES.

THE REFLECTING PYROMETER .- The Amerisent in Poggendorff's Annalen that Prof. J. Müller had ment in Poggendorff's Annalen that Prof. J. Müller had made an application of Poggendorff's mirror arrangement to the measurement of the expansion of solids by heat, says: It is not a little remarkable that neither Prof. Miller nor the distinguished editor of the Annalen should be aware of the fact that the above-mentioned instrument is not new, either in principle or application. The reflecting pyrometer was invented in 1826 by Mr. Saxton, now of Washington, D. C., and used by him in adjusting the compensation of a pendulum. It is, however, first mentioned in print in Prof. Bache's reports on Weights and Measures for 1846 and 1848, and fully figured in the report for 1856. It is referred to as having been used to compare the measuring bars for the base lines, in the Coast Survey Report for 187, and again more particularly in that for 1854, in which the base-measuring apparatus is described and figured.

NEW BLASTING POWDER.-Alfred Nobel, the engineer who first practically applied nitro-glycerine to blasting purposes, has recently taken out a patent in England for a new explosive compound. According to the inventor, a mixture of nitrate of potash, soda, baryta or lead, with resin, sugar, starch, or other bodies rich in carbon, cannot be employed for biasting except under strong pressure; but if moistened with a small quantity of nitroglycerine, so that each grain is surrounded by a strong pressure; but if moistened with a small quantity of nitro-glycerine, so that each grain is surrounced by a layer of it, the mass will become explosive under ordinary circumstances. Nobel gives the following proportions for his new blasting material: 68 parts of nitrate of baryta, 12 parts of charcoal, if possible, such as contains some hydrogen, and 20 parts of nitro-glycerine; or, 70 parts nitrate of baryta, 10 of resin, and 20 of nitro-glycerine. An addition of 5 to 8 parts of sulphur enhances the effect, but diminishes the safety. It is set on fire by ordinary primers with fulminate of mercury.

THE SPEED OF BIRDS,-Spallanzi found that the swallow can fly at the rate of 92 miles an hour, and he computes the rapidity of the swift to be not less than 250 computes the rapidity of the swift to be not less than 250 miles an hour. If it can move at this rate even for a short distance, the swift must be ranked as the swiftest of birds. The common crow can make about 25 miles, the eider duck 50 miles, the eagle 140 miles, the hawk and many other birds 150 miles per hour. The flight of migratory birds does not probably exceed 50 miles within the hour. A falcon belonging to Henry IV. of France escaped from Fontainebleau and was found at Malta, having made at least 1,530 miles within 24 hours. Sir John Ross, on the 6th of October, 1850, dispatched from Assistance Hay two young carrier pigeons, and on Oct. 13 one of them reached its dovecote in Ayrshire, Scotland. The direct distance being about 2,000 miles, the speed was comparatively slow. Birds whose flights have excited astonishment have been in most insiances assisted by aerial currents moving in the same direction.

Rem Bublications

A MERICAN PHOTO-LITHOGRAPHIC CO. 3 OFFICE has been removed to No. 140 Fullenest. N. Y.

PEAR CULTURE FOR PROFIT As illustrated work, entitled

"PEAR CULTURE FOR PROFIT,

By P. T. QUINN, a practical Hertleulturist, for many years a successful grower of Pears for market. The subject is sumply and thoroughly treated, under the fonowing heads: VARIETIES;

PREPARATION OF THE SOIL

PREFARATION OF THE SOLL DISTANCE APART; RELECTING TREES; DWARFS AND STANDARDS; TIME OF FLANTING; PLANTING; DIGGING TREES FROM THE NURSERT ROW AND FACEING; VARIETIES TO PLANT;

VARIETIES TO FESON;
PRUNING:
MANUEING AND MULCHING;
GATHERING FRUIT;
MARKETING FEARS;
PROFITS OF FEAR CULTURE;
PROPAGATION—BUDDING AND GRAFTING;
PRACTICAL SUGGESTIONS.

grower, whether for pleasure or profit. One volume, handsomely bound in cloth. Price \$1. Sent free by THE TRIBUNE, New York.

POLITICAL ECONOMY.

HORACE GREELEY.

"Resays designed to elucidate the Science of POLITICAL ECONO MY, while serving to explain and defend the Policy of PROTECTION TO HOME INDUSTRY, as a system of National Cooperation or the Blevation of Labor: By HORACE GREELEY," have just been issued in a neat 12ms, volume of 384 pages. This work comprises the twenty-four papers on Political Economy published weekly in Ten Tainunn last Summer and Autump, with such additions and emendations as were engrested by

The author claims for this work the merit of grappling with the Pre trusts none can plausibly insist that he has evaded the positions on whi

This is not a large book. It does not aspire to embody all that is known or believed with regard to its ambject. Though not exclusively dervice to the argument for Protection, it regards the maintenance and symmetrical development of Hone Industry by an ad-justment to this end of the limits levied on Imports as the corner-stone of that science—the central and vivifying sun of the Economic firmament Ables works on the subject have doubtless been written; the aim of this has been to simplify great truths, and commend them, by an array o pertinent facts, and a multiplicity of homely illustrations, to the general

CONTENTS:
1..LABOR-PRODUCTION.
H..COMMERCH-EXCHANGES.

III. CAPITAL-SEILL-INVENTION-INTELLECTUAL PROP-ERTY. IV. MONEY-THE BALANCE OF TRADE.

V .. PAPER MONEY-INTEREST-USURY.

VI.. SLAVERY-HIRED LABOR-PROPORTION-CO-OPERA-

VII. MONOPOLY-THE LAW OF PRICES-EFFECT OF DUTIES ON COST. VIII. AGRICULTURE AS AFFECTED BY PROTECTION-VIEWS

OF THE PATHERS.

1X. THE STATE—ITS LEGITIMATE SPHERE—POWERS AND DUTIES-FREE TRADE AXIOMS CONSIDERED.

X .. PROTECTION FOR AGRICULTURE. XI .. MANUFACTURES AND THEIR FEEDS XII..THE LABORING CLASS-ITS RIGHTS, INTERESTS

DUTIES, AND NEEDS. XIII. THE INTEREST OF CONSUMERS—IEON.
XIV. PROTECTION ILLUSTRATED—SUGAR.

XV. THE HARMONY OF INTERESTS-THE SUGAR INDUS-TRY OF FRANCE INVIGORATING OTHER INDUS-TRIES-BERT SUGAR ON ITS TRIUMPHAL MARCH.

XVI. AMERICAN SHIP-BUILDING, SHIPPING, AND FOREIGN XVII..CREDIT-ITS USES AND ABUSES-FOREIGN INDEBT

EDNESS-OUR NATIONAL DEST. XVIII.. WHAT HAS BEEN ELUCIDATING WHAT SHALL DE. XIX.. TAXATION, DIRECT AND INDIRECTA

XX..CO-OPERATION.
XXI..WOOL AND WOOLENS. TXII. IMMIGRATION.

XXIII.. SPECIFIC-AD VALOREM-MINIMUM. XXIV.. CONCLUSIONS.

For sale at THE TRISTING OFFICE. Price, 181 50. Send by mail post-paid, on receipt of price,

THE TRIBUNE, NEW YORK.

**STILL WAVES "in spite of opposition, and the effects of swindlers and their organs. The "STAR SPANGLEU BANNER" is a large Ledger size, B page, 40 column paper. It is beingful of wit, burnor, fun, poetry, whellow, and a little sense, It is devoted to all that interests, instructs, or helps to pass time pleasuratly. It has a large of reluation than any paper in N. H. and has constantly increased for eight years. It makes a specialty of exposuring all swindles and humburs. It has in a ledition to all other attractions, engaged a prominent N. Y. editor to contribute a chapter on new swindles, &c., to each lasse of the 'Banner' will not advertise swindlers; it will not the March number. The "Banner' will not advertise swindlers; it will not be fur all contributes of the first for \$6.1. It "tells the trath," even though it makes one made. An advancing religie hyposcifical Wouldreal is "diarementable."

Tanning Secrets." All how to bolid bosts, cances, traps. &c., &c. It soid 30,000 in 15 months. Worth \$10 to any man or buy. Only 25 uts, six for \$1. Sens for it to the publishers.

HUNTER & Co., Hinsfale, N. H.

Arto Bublications.

THE HERALD OF HEALTH FOR FEB-RUARY CONTAINS: THE TWO WIVES A Stort. By Mrs. Etizabeth Oakes Smith. CARE OF THE EYES. By Rev. C. H. Brigham. ACTIVITY. By Heavy Ward Beecher.
THE LANDLORD OF THE BLUE HEN. A Poem. By Phabe PRESENT DUTY OF TEMPERANCE MEN. By Rev. J. C. Hol-GROWTH AND DEVELOPMENT. By Archibald Maclaren of Ox-THE PRISONS OF PARIS, By Pref. E. P. Evans. SPURS AND REINS FOR THOSE WHO NEED THEM. By. Dr.

BY URS AND MEANS FOR THE STATE OF THE STATE

THE SANGAR OF BLISTERING. THE CARE OF CHILDREN.
THENEROSTIY AND BENEVOLENCE. By H. W. Brecher.
BATHE FOR BABIES. By Mr. E. B. Glesson, M. D.
INDUSTRIAL EDUCATIÓN. By Mr. Horace Main.
THE RICHARDSON MURDER. A PLEA FOR MOSET.
THIS GOSPEL OF THE GALLOWS, OUR STUDIES IN PHYSOLOGY.

THE GOSPEL OF THE GALLOWS, OUR STUDIES IN PHISIOLOGY,
THE CARE OF CITT DOGS. By Dr. Die Lewis.
Treatment of Bad Peet, of Whooping Cough, of Burns, of Frozen Peet,
of Dysectery, etc., etc.
With the January number begins Mrs. Ellsabeth Oakes Smith's delightful story of Two Wives, to continue through the year.

\$2 a year; 20 cents a number.
A handsome steel engraving of ALEX. VON HUMBOLDT free to
every subscriber who sends us \$4 for 1570.
WOOD & HOLBROOK, 15 Laightet, New York.
THE AMERICAN NEWS Co., \$ General Agents.
and THE NEW-YORK NEWS Co., \$ General Agents.

INTERESTING to MUSICAL SOCIETIES
and LOVERS of CLASSICAL MUSIC!
PIRST AMERICAN EDITION. PASSION MUSIC. [According to St. Matthew.]
BY JOHN NEBASTIAN BACH.
With German and English words. The latter translated and adapted
by J. S. Dwight. Published in full Vocal Score, with Piane Accompaniment. Price in cloth, \$3, boards, \$2.50; paper, \$2. Choruses of the
Passion Music, boards, \$4.50.

GOUNOD'S "MESSE SOLENNELLE." MENSE SOLENNELLE."

(St. Cecilia.)

With Latin and English Words. Cloth, \$1.33; paper, \$1.

Single copies sent postpaid on receipt of price. DITSON & Co., 711

Broadway, New-York.

MARGARET FULLER'S WORKS.

NEW EDITION, IN SIX VOLUMES, WITH A PORTRAIT. PRICE \$10, BOUND IN CLOTH. SENT FREE ON RECEIPT OF PRICE. THE TRIBUNE,

THE GREATEST TRIAL OF THE AGE THE TRAUPMANN TRIAL,
With the Testimony and Full Review of the Speeches of Counsel, and the Scenes at the Trial and the Execution,
WILL BE PUBLISHED AT ONCE. In a neat octave pamphlet, with an AUTHENTIC PORTRAIT OF THE

In a neat octave pamphlet, with an AULIIMATE
GREAT CRIMINAL. Address all orders to the
AMERICAN NEWS CO., 121 Nassawat,
Or the NEW-YORK NEWS CO., 8 Spruce-st.,
New-York THE PICTORIAL PHRENOLOGICAL JOURNAL for FEB., price 30 cts., or \$3 a year, may now be had of all Newsmen, or of S. R. WELLS, 339 Broadwar, N. Y. A SCIENTIFIC AND POPULAR EXPOSI-

A SCIENTIFIC AND POPULAR EXPOSITION OF THE FUNDAMENTAL PROBLEMS IN SOCIOLOGY.

Partial Contents—The Origin of Life. Sexual Generation, The Physicalogy of Menstrantion, Impregnation, Pregnancy, Embryology, Parturition, Lactation, The Law of Sex, Regulation of the Number of Offspring, The Theory of Population, Heroitary Transmission, Thilosophy of Marriage.

This work has rapidly passed through ten editions, and the demand is constantly increasing. No such complete and valuable work has ever before been issued from the press. So illustrations. Price, by mail, \$2.

WOOD & HOLBROOK, 15 Laightest, New York.

Instruction.

ANTHON GRAMMAR SCHOOL, 212 AND 214 FIFTH-AVE.

A BOARDING and DAY-SCHOOL for Boys, In a first-class location and of the highest character.

No. 58 Park-ave. Rev. JOSEPH D. HULL, Principal. A SUBURBAN HOME SCHOOL, New-Haven,

BORDENTOWN FEMALE COLLEGE, Bordentown, N. J. Board and Thitlion, 4208 per year. For Catalogue DOBEAR'S COMMERCIAL COLLEGE,

573 AND 875 BROADWAY, COR. OF RIGHTRENTH-ST.,

OVER AITEN AND MILLER,

Is new open dar and evening for private instruction in BOOKKEEPING,

WHITING ARITHMETIC CORRESPONDENCE, &c.

Messra, BOLBEAN devote their entire time and astention to their
pupils, and shin to make this the best Commercial Institution in the
country. N. B. A private parior is reserved exclusively for Ladies.

ELMIRA FEMALE COLLEGE.

NEXT SESSION OPENS FEB. 2.
Address Rev. A. W. COWLES. D. D., Prew't, Elmira, Chemung Co., N.Y.

GLENCOVE SEMINARY, Glencove, L. I.—
GLENCOVE SEMINARY, Glencove, L. I.—
departing school for Young Ladies, which for home comfort and
educational advantages to unsurpassed. Is specially recommended by
the Binhop of the Dicesse of Long Island. The Writer Term commences
on Jan. 3, 1979. Spring Term. April 17. Pupils admitted any time during
the year. For circulars, apply to J. R. BURWOOD, Principal. HOME Institute, Tarrytown, N. Y.—Young Freuch, and enjoy the care and comfort of home. Address Miss M. W. METCALF, Principal.

HENRY W. SIGLAR's Family School for Boys-Can furnish the best of advantages to a few more pupils. For circulars, references to patrons, &c., address the Principal, Newbargh N. V.

HEMPSTEAD INSTITUTE, L. I., N. Y.-

RVING INSTITUTE, Tarrytown, N. Y.—A Bearding School for Boys. The School year will commence Sept 14 For Circulars apply to D. S. ROWR, M. A. Principal.

MISS ARMSTRONG,
FRENCH AND ENGLISH BOARDING AND DAY SCHOOL
FOR YOUNG LADIES, NO. 25 EAST TWENTY-FIRST-ST.,
was RROPENED on TUESDAY, September 21.
Address personally, or by letter, as above.

MRS. PARKS and Mrs. BENEDICT, English and French BOARDING and DAY-SCHOOL, 153 Madison ave., corner Thirty second at. Pupils charged from time of entrance. MILITARY BOARDING SCHOOL - White

MERCANTILE LIBRARY.—FRENCH CLASSES are now to commence. Instruction by Prof. PH. DE L'OUEST. For Ladies only: Mondays, Tuesdays, Thursdays, and Fridays in the afternoon. For Gentlemon and Ladies the same days, the evening. Terms moderate. Apply at the deals of the Library, Chotoc Hail, Astor-place. Italian instruction by Prof. Vo. Calfa on the same days.

MRS. GARRETSON'S

ENGLISH AND FRENCH BOARDING AND DAY SCHOOL
FOR YOUNG LADIES AND CHILDREN,
No. 58 WEST FORTY-SEVENTH-ST.,
WILL OPEN TURBDAY, SEFTEMBER 71.
For Circulars apply as above.

POCKLAND FEMALE INSTITUTE, Nyack on the Hodeen.—The Spring Term will commence FEBRUARY 3. Ponis entering at any time previously will be cleared only from this date. For eathlogue, with fall particulars, address Rev. L. DELOS MANSFIELD. President.

ST. PAUL'S SCHOOL for BOYS, Brookfield, Com. C. JAMES, A. M., Principal. For Circulars, address, Mrs. H. D. NOBLE.

H. D. NOBLE.

VONKERS MILITARY INSTITUTE.
Established 1854.
For making bers intelligent, healthy, Christian MEN. Thorough teaching. Common-sense management.
BENJAMIN MASON, Box 200, Yenkers, N. Y.

YOUNG LADIES' SEMINARY, Stamford, Ct.

Paneing Jendemies.

DODWORTH'S CLASSES for DANCING, at No. 217 Fifth-are, on Mondays and Thursdays, or Tuesdays

BALLEMASTER DUMAR'S DANCING ACADIMY, 24 West Fourth-st. All dences taught in one quarter; it fashionable dances perfectly in 6 private lessons.

DE GARMO'S DANCING ACADEMY, 82
Diffibave, corner Fourteenthat, will reopen SATURDAY, Sept. 25,
Murning, afternoon, and evening classes Theode, s and Fridays, Wednesdays and Saturdays. Instruction in Light Gymnastics, by Dr. MARTIN,
on Mondays and Thursdays at 35 p. m.

HLASKO's ACADEMY OF DANCING, 64
West Thirty-fourth-st. Morning and afternoos classes daily. Gestlemen Monday and Thursday, at 3 p. m.

Musical Instruments.

A GREAT OFFER.

HORACE WATERS, NO. 481 BROADWAY, NEW-YORK, will dispose of One Hundred Pranos. McLODEONS, and ORGANS, of six first-class makers, at extremely low prices for cash during the Holidays, or will take from \$5 to \$25 monthly until paid; the same to Let,

and reut money applied if purchased. I F you want a good PIANO, cheap, call at M. M. MRRRELL'S (late L. P. Cummings's) Wareroom, No. S Union-square. Sold on installments, or reuted, any way to suit customers. Only look at them before you decide elsewhere.

J & C. FISCHER PIANOS—The best and omer reliable Pianos made; warranted; patent damper and latest improvements. Factory and Warerooms, 425 W. 28th-st., near 9th-ave.

Wedding Cards, &c. AT WM. EVERDELL'S SONS, No. 104 FulTHE MONEY MARKET.

SALES AT THE STOCK EXCHANGE,-FIRST CALL, 10‡ O'CLOCK A. M.

114; 5.000 U S 5s 10-40 Reg.
154; 19.000 U S 5-20 Cou 167.
144; 13.000.
113; 1.000 U S 5s 10-40 Coup.
7. 113; 500.

15	Shock	Lea Bl. 147	30	between call 159								
15	Amer Ex Bank	173	100	Mil & St F	...							
20	0.00	U S 6.2	21	Reg.
20	0.00	U S 5.2	Cou	62

too Chk No W.

SATURDAY, Jan. 22-P. M. The money market for the week has been remarkably easy, and gold has vibrated between 1901 to 1201, and closed at 1201. Prices paid for carrying balances from 5 to 7 per cent.

The market is well supplied with currency, and the rate on call loans has been from 4 to 6 per cent during the day. The abundance of money is very favorable to the negotiation of commercial paper, and first-class has been taken at 7 per cent; while rates are quoted 7 to 12. The supply of money is making business very pleasant with our best commercial houses, and the effect of ease here must be felt throughout the country In all commercial circles, as the drawing of the financial strings here tightens up transactions, and makes a stringent money market everywhere in the land. An accommodation to a merchant of established reputation, as he is the medium of exchange of the products of the farmer, for the goods of the manufacturer, is a benefit to all. The condition of the merchants is the indicator of the general financial condition of the people. When prime paper sells at 7 per cent, our financial state ought

to be healthy. The transactions in Governments to-day were limited. and prices a fraction off from yesterday's sale. U. S. Coupons, 1864, 1141@115; Coupon, 1867, 1131@1141;

10-40 Coupon, 1124. We give below the price of Government *bonds in Cur-

The operations at the Gold Exchange Bank to-day were

as follows: Clearings, \$40.383,000; gold balances, \$1,490, 232 02 : currency balances, \$1,841,884. The market for State bonds was steady at the First Board. Tennessee, new, at 50; Virginia, 55; new, 61; York State Bounty Loan, 1981. At the Second Board-Tennessee, 56; new, 49; Virginia, new, 61; Georgia, 82; North Carelina, 40‡; new, 24‡; Missouri, 87‡; Louisiana

Railroad bonds were firm; Columbus, Chicago, and Indiana Central, 70%; St. Louis Iron Mountain 1st Mortgage bonds, 83; Milwaukee and St. Paul 7 3-10 Convertide, 911; Lake Shore dividend bonds, 834; New-York Cen tral, 89; Erie 2d Mortgage 1870, 89½; Aiton and Terre Haute Income bonds, 73½; Michigan Southern S. F. bonds,

77‡; Chicago, Rock Island, and Pacific 7s, 95‡. Bank stock was active; sales of Bank of Commerce at 122-31221; North America, 100; Shoe and Leather, 1475 American Exchange, 1134; Central National, 1664; Fourth National, 1012@1012; Tenth National, 106; Bankers' and

Brokers' Association, 106; Continental, 982. Of the miscellaneous stocks, Delaware and Hudson sold

at 121; Cumberland Coal Company Preferred, 312331; Western Union Telegraph, 34; Quicksilver Mining, 1452 145; Mariposa Preferred, b. 30, 17; Pacific Mall Steamship, 414; Adams Express, 641 265; Wells-Fargo, 29 2204; American Merchants' Union, 381 2 37; United States, 55 2

The stock market was a little firmer, and at the Second Board sales of New-York Central and Hudson River, 935 2 935; Lake Shore and Michigan Southern, 855 8 855; Fana ma Railroad, 162; Cleveland and Pittsburgh, 90[491] Chicago and North-Western, 731 2732; Chicago and North Western Preferred, 201221; New-Jersey Central, 291; Columbus, Chicago, and Indiana Central, 1722161; Dubuque and Sioux City, 1091.

The following were the closing quotations of Government bonds at 4 p. m.;

Benedict Coleman reports the closing quotations as followed

lows: f. S. and M. So.

Pittsburgeh.

9)
Surth-Western 72

North-Western 76

Rock Island.

100

Rock Island.

101

St. Paul Pref.

102

St. Paul Pref.

103

Tosedo and Wabash.

104

Tol. and Wabash Pref.

104

Alton & Terre H. Pil.

105

Chicago & Alton Pref.

Chicago & Alton Pref.

Chicago & Alton Pref.

144

New Jersey Central.

104 Mariposa Mariposa Pref. Pacité Mail Boston Water Fower. Adams Expresa. Wells, F. & Co. Ex.

The following were the bids to-day for Bank stocks The following were the following were the following were the following t

And the following were the bids for State bonds: Tennessee 6s, ex coupon

Louisiana 6s, Levee bouds... 64 New York 5s Causi Fn, 1674...
And the following for Railroad bonds:
New York Central 6s, 23... 89 Gt. Western 2d Mort., 23...
New York Central 6s, R. Estate 87 III. 8, No. Love Int Mort. 99.
New York Central 6s, R. Estate 87 III. 8, No. Love Int Mort.
New York Central 6s, Schacripin 87 Galena & Chicago 2d Mort.
New York Central 7s, 100 Galena & Chicago 2d Mort.
Erie 1st Mort. Et ... 53 Chic., R. Island and Pacific.
Erie 1st Mort. Et ... 59 Chic., R. Island and Pacific.
Erie 2s, 4th Mort., 1643, 73 801 Morris & Besez 1d Mort.
Erie 2s, 5th Mort. Int 1888... 72 Chers. & Tol Nin's Pland
Erie 5th Mort. Int 1888... 72 Chers. & Tol Nin's Pland
Erie 7s, 101 Mort., 1889.70 ... 101
Hud. R. 7s, 1st Mort., 1889.70 ... 101
Hud. R. 7s, 1st Mort., 1889.70 ... 101
Hud. R. 7s, 2d M., S. F., 1885... 103 Pitts., Ft. Wayne & Chic. 2d M.
Hud. R. 7s, 2d M., S. F., 1885... 100 Pitts., Ft. Wayne & Chic. 2d M.
Hud. R. 7s, 2d M., S. F., 1885... 100 Pitts., Ft. Wayne & Chic. 2d M.
Hud. R. 7s, 2d M., S. F., 1885... 100 Pitts., Ft. Wayne & Chic. 2d M.

Foreign Exchange dull, and nominal rates, as follows: Prossian thalers The Bank Statement for the week shows the as compared with the previous week: The changes are in detail as follows: The receipts of fractional currency at the U.S. Treasur for the week ending to-day amount to \$758,000. To the Assistant Treasurer at New York.
To the Assistant Treasurer at Paliadelphia
To the Assistant Treasurer at Baltimore.
To the Assistant Treasurer at Baltimore.
To the Assistant Treasurer at Mobile.
To the Assistant Treasurer at Pittsburgh
To Xational Banks and the Santant Treasurer at Pittsburgh 149,672 Total shipments..... The following shows the result of to-day's business a the Sub-Treasury in this city : | Separation | Sep Currency payments......

Customs.
Canceled gold certificates sent to 959,000 00
Washington. 959,000 for nation The Treasurer holds in trust, as security for national bank circulation, \$342,303,350 and for public deposits, \$18,941,000; mutilated bank notes burned during the week, issued for bills destroyed during the week, \$216,680; total amount issued therefore, \$19,121,880; balance due for mutilated notes, \$172,147; bank circulation outstanding, \$299.745,610; fractional currency redeemed and destroyed during the week, \$559,100.

The Commercial Advertiser says, in reference to the

action of the Stock Exchange yesterday, in relation to the striking from the Stock list Chicago, Rock Island and Pacific stock: "The Directors urge that the Company suffered to the extent of about \$1,000,000 through former legal proceedings; and that in complying with the rules of the Exchange, they would have exposed themselves to similar embarrassment and expense in the courts; and but to act secretly." There may be an excuse for a Board of Directors of a railroad company acting " secretly " in the important matter of issuing \$2,000,000 of stock; but it they act in accordance with the provisions of the charter and the best interests of the road, why the necessity of any secrecy ! Does not the very act of "secrecy" excite suspicion, and lead the public to infer that there is some-thing "concealed under the tub." We do not believe there is any "secrecy" used in the management of the best railroads in the country, and the directors of any railroad company who are afraid, or deterred, by any consideration, to act openly before the world in the management of the concerns of the company, must presume very much upon the credulity of the people if they believe they can maintain their confidence. The Stock Exchange would deserve the severest censure for any other action than that in this instance, which is so creditable to it. If directors of our railroads, in "secret meetings," can issue \$1,000,000, \$2,000,000, or \$10,000,000 of bonds and stocks, and by sending a printed circular into the Stock Exchange stating the fact as a sufficient notice under the rule, when it may be "gobbled up" before it ever gets to the President, then, what security have the public of protection by the Exchange? The "secret" action has twened Chleago and Rock Island stock into the street, where operations in the stock ranged from ICE to 105), and then receded to 104). At the National Stock

Exchange, Rock Island ranged from 1632 to 165, and 1642 There have been whisperings to-day of "a corner" in Chicago and North-Western Preferred. It sold at 911. on" for control of this road must influence the price of the stock; and it is a matter of very much importance whether New-York or Pennsylvania interests succeed, as that road with its branches will be a great feeder. We would say to an evening journal, there is not, in our opinion, a better investment for farmers than to put their money in Railrond bonds, and to subscribe for stock

in railroads where the roads are laid through their farms or in their towns or counties. In all railroads thus far North Carolina, new, 244; Georgia, S; Louisiana 6s, Levee, 64; North Carolina, 41; Louisiana 8's, Levee, 78; New given to their lands and to all their products. They have aped the richest harvests from the railroads. The Illiois Central Company are selling their lands at from \$7 to \$12 per acre. What would these lands be worth but for the Central Railroad 7 Perhaps \$2 to \$5, and sales very slow at such prices. The increased value railroads have given to property in the States can be valued at thousands of millions of dollars. There are some railroad bonds in the market, as good as any securities offered, for sale at a price below what they are really worth; and yet, while we would advise farmers and land-owners to invest in railroad bonds, we deem it very desirable for capitalists, trust companies, savings banks, and insurance companies to invest in Governments and keep them at home. It is better to pay the interest to our own family than to strangers. The London Economist says of American securities: "These bonds have had a remarkable rise in price during the year, considering the very large amount of them in the hands of the public." On referring to our impression of the 26th December, 1868, we find that during the week ending on that date the 5-20 bonds of 1882 touched 784; they are now 851 to 86, being an ad-

vance of about 12 per cent. To-day our bonds in London The exports of specie to-day were: Per steamer Lafay ette, \$118,569; and per's teamer Union, \$225,280. The total experts for the week ending January 22, \$600,088. The following shows the imports of foreign dry goods at the port of New-York for the week ending Jan. 21,

and since the beginning of the year:

| The core | The core

We learn from the Commercial and Financial Chroniele that the receipts of cetton at the Southern ports for the week ending Jan. 21 were 98,851 bales; against 88,311 bales last week, and 101,003 bales the previous week, and 114,040 bales three weeks since—making, since Sept. 1, 1869, up to date, 1,625,130 bales, against 1,290,785 bales for same period last year. The exports for the week reach a total of 51,086 bales. 28,975 bales were to Great Britain, and 22,111 bales to the continent. Total export to Great Britain since Sept. 1, 536,912; to the contineut, 301,503. Stock on hand Jan. 21, 1870, 483,636 bales: On Jan. 21, 1869, stock on hand 341,783 bales, being 141,843 bales more than there were one year ago on hand.

The receipts from the Fitchburgh Railroad for the year ending Nov. 30, 1869, were \$1,290,593 32; for 1868, \$1,165, 259 32. Net earnings, 1869, \$341,879 76; in 1868, \$344,300 62 decrease, \$2,420 86. Compared with the previous year the gross earnings show an increase of \$135,334 50, with an increase in expenses of \$137,755 36. The Lynchburg (Va.) Republican of the 19th inst. gives

the following gratifying result of Internal Revenue collections on tobacco and spirits in the Fifth District of that State: Taxes collected from April 22 to Dec. 31, 1868, \$150,647 84; from April 22 to Dec. 31, 1869, \$906,042 60; increase, \$755,394 76. The Republican states that the total increase of collections in 1869 over 1868 is \$1,060,982 28.

The Alia Culifornia says of the business of the year in

San Francisco:

There is a gradual increase in the amount of mercantile deposits with the leading banks, showing less pressure among mercantile circles as a whole. The demand for money has become less, but this is to some extent due to diminished business, requiring less money. There has been an immense stagnation in enterprise, a very large proportion of which was due to the eight-hour law and the attempts of organizations to force higher pay for labor than it was worth. This effect was duly pointed out, and events have justified the forecasts. The attempts to force up the money wages of labor 25 per cent under the eight-hour law, at the very moment the railroad was surmounting the Sierra Nevadas, bringing with it the cheap labor of the East, was suicidal. The decline in building has paralyzed all affiliated occupations and checked the circulation of money. This, however, is abundant in first hands for employment on first-class securities at call, but not on time. The banks lend at 12 14, but choice two name actual business paper, 30 days or more, 14241 per cent per month.

The Charleston (8, C.) and Liverpool Steamship Line

The Charleston (8. C.) and Liverpool Steamship Line has one steamship, the Arragon, open to the inspection of the public. This looks like progress in the right direction in business, trade, and commerce. A circular has been issued by the President of the Mil-

per month.

These roads, with the Virginia and Tennessee Railroad, form the Air Line Railroad from Norfolk, Va.,
to Bristol, Tenn., a distance of 405 miles, consolidated
under the management of Gen. Wm. Mahone, and

common stock, 8,289 shares, at par \$228,900, and to divide the same among the shareholders, giving each share of preferred stock to in the new stock, and each share of common stock \$7 in the new stock The earnings of the Company for 1869 were.... \$3,020,786 1,246,563 . #17.409.372 Total preferred and common stock

says," they manimously recommend the shareholders to authorize them to increase their capital stock—the

The property of the Company is represented by Mortgage bonde #17,132,500
Preferred etc. 49,744,269
Comment stock 7,005,104
Propused increase #22,600—18,232,272 \$35,370,772 The gross receipts of the Reading Railroad for 1869, were \$11,208,381.

.... \$4,332,068 | Increase over 1868... \$1,702,642 Net profits \$4,332,068 | Increase of The Houston (Texas) Union says: The Housion (Texas) Union says:

The financial affairs of Texas are now in better condition than those of any State with which we are acquainted. Out of debt, with nearly \$000,000 cash in the treasury, and possessing a large public domain, much of which is quite fertile and will soon command remunerative prices, who could desire a more prosperous financial condition? No wonder that we are favored with an unprecedented immigration, especially as by the result of our recent election, we are assured of Republican rule for the next four years. Verily Republicans seem to be good public financiers, as is witnessed in the status of our state and in the increased value of United States currency.

Statement of funds in the Treasury on the 34 day of September, 1868: State receive. \$507.49 \$250.471.59 \$221.274.07
State receive. \$507.49 \$250.471.59 \$221.274.07
Difference below. \$47.56 260.394.42 \$21.641.81
From thus statement we deduct the conclusion that the administration of the fiscal concern of the State for the past two years has been conducted with a view to the most rigid economy and in a manner which reflects much credit on the Treasurer.

The Raleigh (N. C.) Sentinel states that " the purpose of he resolution introduced into the Legislature a few days ago, to suspend the payment of the interest on the Special Tax bonds, is to test their constitutionality. The resolulution forbids the Treasurer to pay more interest on the Special Tax bonds until the Supreme Court, to whom the resolution refers the question, shall decide it."

We learn from The Cleveland Herald that at the annual meeting of the Northern Ohio Transportation Company, held in that city on the 17th inst., Messrs. Philo Chamberlain, R. Pelton, William Hart, D. A. Dangler, and E. D. Childs were elected Directors. This is one of the largest transportation companies ever organized on the lakes, there being no less than twenty steamers, valued at 970,000, and possessing real estate and personal property o the extent of \$233,560, making a total of \$1,203,500, which is represented by capital stock issued, \$850,000, and bonds having from two to six years to run, \$300,000; total, \$1,150,000. The season of 1869 was a very fortunate one for the Company, as it only met with losses to the extent of about \$2,000 above insurance, and the insurance com-panies were called upon to contribute but \$2,000 on preiums amounting to about \$40,000. By the report made to the stockholders we learn that there were 54,269 tuns of freight carried westward, and 111,060 tuns castward, which is equivalent to 1,661,700 tuns per 100 miles. The number of passengers carried was 218,160 per 100 miles. The increase of tunnage carried over 1868 is about 40 per cent, and that of passengers about 25 per cent.

At the commencement of business on Monday, the 17th inst., there was in store in Chicago 4,605,997 bushels of grain, against 2,794,000 bushels one year ago. The Republican says :

As yet the supply of funds is by no means more than equal to the demand, but there is a tendency to increased ease, and all appear satisfied that the darkest days are over for this season at least. Rates of interest are firm at 10 per cent per anosm. The movement of currency to and from the interior was light. The Pittsburgh Commercial says of the money market

in that city:

The release the local money market shows from the thradom of stringency which bound it for many weeks immediately prior to the first of this month, was more marked to-day than at any time since the list of January. Money is in good supply both at bank and through the brokers, and can be furnished at moderate rates op undoubted paper or good collateral. Local stocks are stimulated by the case that is in the money market, and were a real transfer by the case that is in the money market, and in that city: prices are up to the highest noteb.

The People's Journal, Hamilton, Canada, says: "We

hold it then proven that home manufactures, though at any certain time unable to compete with foreign, may by protection be so developed as to be able to do so." sible and true. The following additional dividends have been declared:

from New-York to foreign ports for the week ending Jan 18 and since the beginning of the year: For the week. \$5,078,001 \$2,086,006 Previously reported. 6,412,750 5,302,920 \$11,156,050 1214 The following shows the imports of foreign dry good

and general merchandise at the port of New-York for the week ending Jan. 21 and since the beginning of the year: 15469. #2,520,259 3,560,077 1870. \$1,917,159 3,129,245 Total for the week ... \$2,514,415 \$6,070,326 Proviously reported ... 10,130,196 9,785,851 Cines law 1 419 659 631 The following are the dry-goods imports, included in

the above, for the same period : But the work 1868, 1869, 1870.

Fat the work 1868, 1869, 1870.

Fat treed at the port. \$1,291,400 \$2,200,229 \$1,917,159

Thrown on market. 1,229,624 2,246,936 1,774,134

Since Jau, 1.

Hatered at the port. \$3,550,769 \$5,901,301 \$4,706,208

Thrown on market. 3,549,122 5,447,515 4,242,946 The exports of specie for the week ending January 22 were as follows:

#1.316.683 The following is a comparative statement of the exports of specie from the port of New-York to foreign ports for 19 years, from Jan. 1 to Jan. 22, 1870, and for the corresponding periods in the undernoted years:

BANKING AND FINANCIAL.

George Opdyke & Co., Bankers, No. 25 Nassaust., offer for sale the following desirable securities; First Mortgage 7 per cent Gold Bonds of the New-York and Oswego Midland Railroad; First Mortgage s per cent Gold Bonds of the Montgomery and Eufaula Railroad, indorsed by the State of Alabama; First Mortgage 8 per cent Bonds of the Mobile and Montgomery Railroad; 7 per cent Laud Grant Bonds of the Union Pacific Railroad, and some prime 10 per cent currency bonds.

The attention of investors is invited to these wellsecured Bonds. Full information in regard to them will be furnished upon application to the agents offering them for sale.

PACIFIC RAILROAD OF MISSOURI SIX FER CENT GOLD BONDS, FREE OF GOVERNMENT TAX, COUPON OR REGISTERED.-The undersigned offer for sale at a moderate figure \$250,000 of the above bonds. The road is completed, is mortgaged for less than one-half its cost, and is earning more than double the interest on the loan.

Government and other securities exchanged at full CLARK, DODGE & Co., No. 51 Wall-st. rates.

CAUTION.

The public are warged against ignorantly using United States Revenue stamps which have been once used and canceled. The canceling ink is cleaned off and the stamps re-gummed and offered for sale at a large discount by unprincipled dealers, who buy them of boys, office cleaners, &c. Parties using stamps should buy them direct from the NATIONAL CURRENCY BANK of New-York, which is the deput for their sale direct from the Government. The regular rate of discount allowed is:

On amounts of \$100 to \$1,000, 47 per cent.
On amounts of \$100 to \$1,000, 47 per cent.
Discount is mayable in stamps; thus for \$100 the purchaser receives \$104 75 in stamps.

J. V. L. Morford, Cashier
National Currency Bank, cor. Broadway and Wall-st.

CHOICE SECURITIES.—First and Second Mortgage 8 per cent Bonds of the great Air Line Railroad of Virginia. We offer for sale
First Mortgage South Side Railroad 8 per cent Bonds at 85. Mortgage less than \$6,000 per mile. Interest coupons payable January and July in New-York. Whole amount of issue, \$700,000. Not income of the road, \$20,000 per month.
Second Mortgage Norfolk and Petersburg Railroad 8 per cent Bonds at 82. Aggregate of first and second mortgages, \$13,500 per mile. Interest coupons payable January and July in New-York. Amount of annual interest, \$5,000. Net income of the road \$16,000 per month.

running in connection with the Old Dominion Line of steamers from this city to Norfolk. LANCASTER, BROWN & Co., 23 Nassan st. wankee and St. Paul Railroad Company, in which he

A CARD.

Having learned that there is a report in circulation to the effect that our house had failed, we beg to assure our friends that said report is utlerly value, A similarity between the name of our firm and that of another has caused the circulation of the report al'inded to.

E. V. Haudhwout, & Co.

488, 490, and 492 Broadway.

THE MARKETS.

[Carefully reported for Tun Turnura.]

ASHES—Pots continue in small supply. Even and in fair demand at \$7.74 (\$\tilde{\pi}\) \$7.24. Pearls are nominal at \$9.26 \tilde{\pi}\) \$9.26 \tilde{\pi}\) \$0.00 (COTTON—Trade has been a tride more active, and the high grades are steadily held, but the general tone of the market is somewhat massified; sales of \$7.65 hales (21 last evening), of which 114 were for ruports 1,041 for communition (50 for specializine, and 20 in transit. For future delivery, 100 hales, January, 24 11.16c.; 20 de., Pelruary, 24c.; 130 de., Mark 25je.; 100 de., 25je.; 200 de., 25je.; 201 de., 25je.; 25je.;

2 10 for Pennarivania.

EXPORTS FROM SEPT. 1, 1869, TO DATE.

GTL Britain Other

Down and Ireland. Foreign Ports.

Bils.

FREIGHTS-To Glasgow, 21,000 bush. Wheat at 6d. and, by

PREIGHTS—To Glangue, 21,000 bunk, West at 6d, and, by steamer, 15,000 bunk do, at 63d.

GRAIN—Wheat has been understely active at irregular prices. The variable and not very satisfactory neers from Surrage, greater firmass inferigits, more lift end arrivals, and a further decline in freights at Coingo, but the same of the breep, greater firmass inferigits, more lift end arrivals, and a further decline in freights at Coingo, but the same been the chief causes of the breep larginat 10, 347 bush, but year. To-day the market in better, and the demand is quite general, though chiefly for exports. The light offerings give holders a densied at close: sales, 26,000 bush, at \$\frac{1}{2}\$ 15d for Mixed Spings; \$\frac{1}{2}\$ 10d for No. 2 Chicago Spring in store and affect, \$\frac{1}{2}\$ 20 for No. 2 Chicago Spring in store and affect, \$\frac{1}{2}\$ 20 for No. 2 Chicago Spring in store and affect, \$\frac{1}{2}\$ 20 for No. 2 Chicago Spring in store and affect, \$\frac{1}{2}\$ 20 for No. 2 Chicago Spring in store and affect, \$\frac{1}{2}\$ 20 for No. 2 Chicago Spring in store and affect, \$\frac{1}{2}\$ 20 for No. 2 Chicago Spring in store and affect and \$\frac{1}{2}\$ 20 for No. 2 Chicago Spring in store and affect and \$\frac{1}{2}\$ 20 for No. 2 Chicago Spring in store and affect and \$\frac{1}{2}\$ 20 for No. 2 Chicago Spring in store and affect affect and \$\frac{1}{2}\$ 20 for No. 2 Chicago Spring in store and affect affect and \$\frac{1}{2}\$ 20 for No. 2 Chicago Spring in store and affect affect and \$\frac{1}{2}\$ 20 for No. 2 Chicago Spring in store and affect affect affect and \$\frac{1}{2}\$ 20 for No. 2 Chicago Spring in store and affect affec

EXPORTS FROM SEPT. 1, 1869, TO DATE.

Burrent's moderately active; the demand being diserate. We quote:
State and Orange County pails.
State, firkin and half firkin tubs, good to choice.
State, thin and half firkin tubs, fair to good.
State, Wesh tubs, good to choice.
Ohio and Western, good to choice. Fresh
Ohio and Western, fair to good, as to quantify.
Western, common to fair.
Chause continues firm and fairly active. We quote:
State fair to good factory.
State, fairles, good to choice.
English dairy. Conn.
English dairy. Onn.
English dairy. Vermoot daily, common is consecuted.

Fineapple State.

Ome Factory good to choice.

FICK-Barhers to retail lots at former rates. Carolina to des SUGARS—The market is very heavy and decidently doil, with

SUGARS—The market is very heavy and decidently doil, with no home for quotations in the absence of sales: Fair to Good Harbur, 19010pc, in our crop, and [eq.2005, old crop. Refined flat at 14½c. for pendered, granulated, and crushed.

SELDS—Clover Seed is quiet at 12,2413c.; Filmethy cold at \$4.000 \$4.000 \$1.

PARTICULAR TO AND THE ARCHITECTURE OF THE ARCHITECTURE AND A LOSDON, Jan. 27.—Linseed Cate, £10 per tun, Tallon, 46 22146, £per PHANKFORT, Jan. 22.—United States Fire Townty bonds spensed for

RECEIPTS OF PRODUCE.

For Fessels and Raffronce.

Jan. 22.—9.57 bbls. Plour, 1.737 bales Cotton, 3.875 bags form

Meal, 21.390 bush, Wheat, 2.570 bash. Corn, 6,500 bash. Oats, 12.895

bush, Harley, 5.222 bash. Mailt, 570 bash. Peas, 670 bash. Barne, 19

bush, Fianced, 421 bbls. Rosin, 587 bbls. Septis. Turpecifice 290 bbls.

Reducel Petrolium, 8 bales Heng, 8,577 addes Leather, 5 kkrs. Asker,
1,246 bbls. Whisty, 445 bales Wood, 180 bales Hop, 11 bbs, Tabacco,
249 bbgs. Tobacco, 40 bbls. Bules, 207 bbls. Eggs. 2,59 bbrs.

Butter, 240 pkgs. Loud, 1,463 bbls. Bishes, 207 bbls. Begs. 2,59 pkgs.

Cut. Mears, 945 pkgs. Relicese, 700 Pressed Hogs. 246 pkgs. Best.

Fruits, 0 pkgs. Talinov, 1,502 pkgs. Starck, 5 pkgs. Best.

Best. 250 bales.

Best. 250 bbls. Copper, 34 cakes Copper, 321 pkgs. Glusseng. THE STATE OF TRADE.